

What is claimed is:

1. A common mode choke coil having a ferrite core, the ferrite core comprising:

5 a pair of first lateral walls opposite to each other;
a pair of second lateral walls opposite to each other;
a pair of through holes formed through the pair of first lateral walls;

10 a cover having a substantial H-shape to thereby provide an opened region opened upwardly by cooperating with the pair of through holes;

a bottom having a substantial rectangular shape;
a bobbin extending vertically across the pair of through holes;

15 electrodes extending from the bottom to the cover, being on an external surface of the common mode choke coil; and

windings being electrically connected to the electrodes, respectively.

20 2. The common mode choke coil of claim 1, wherein a sealant is charged through the through holes and near the opened region to make the ferrite core have a complete cubic shape, allowing it be identical in appearance from an upside and a downside thereof.

25 3. The common mode choke coil of claim 1, wherein said

winding are electrically connected to the electrodes,
respectively, by thermo-compression bonding.

4. The common mode choke coil of claim 2, wherein said
5 winding are electrically connected to the electrodes,
respectively, by thermo-compression bonding.

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